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1 / 19

FIG. 1

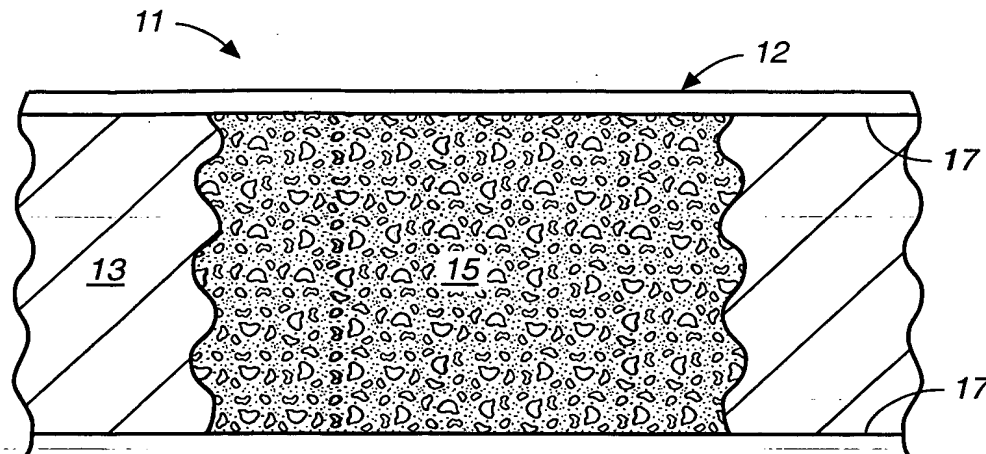


FIG. 2A

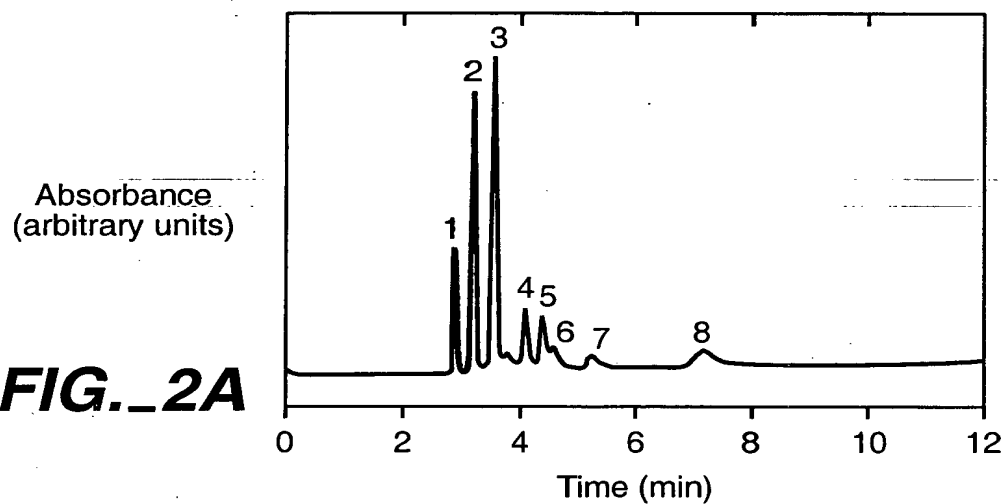
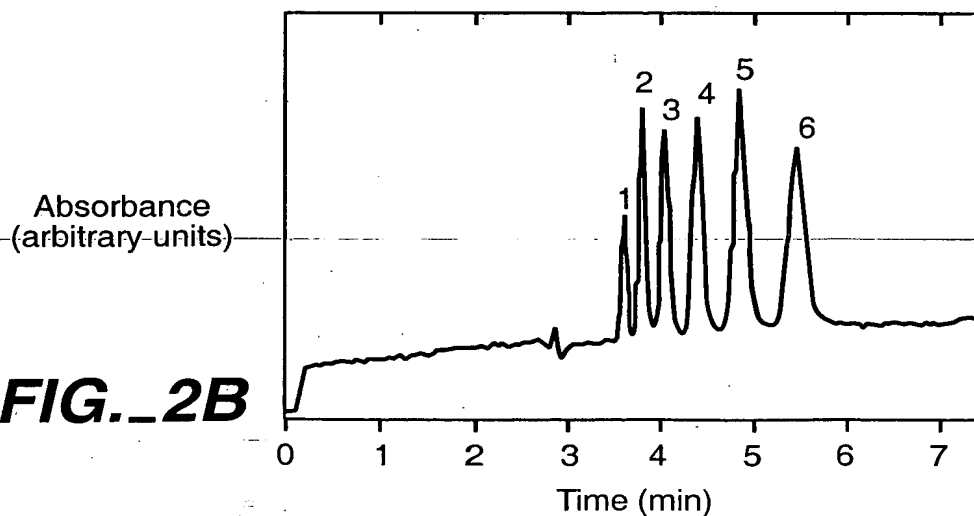
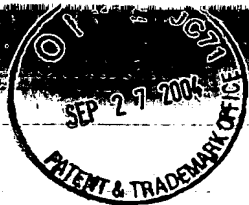


FIG. 2B





2 / 19

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Absorbance
(arbitrary units)

FIG._3

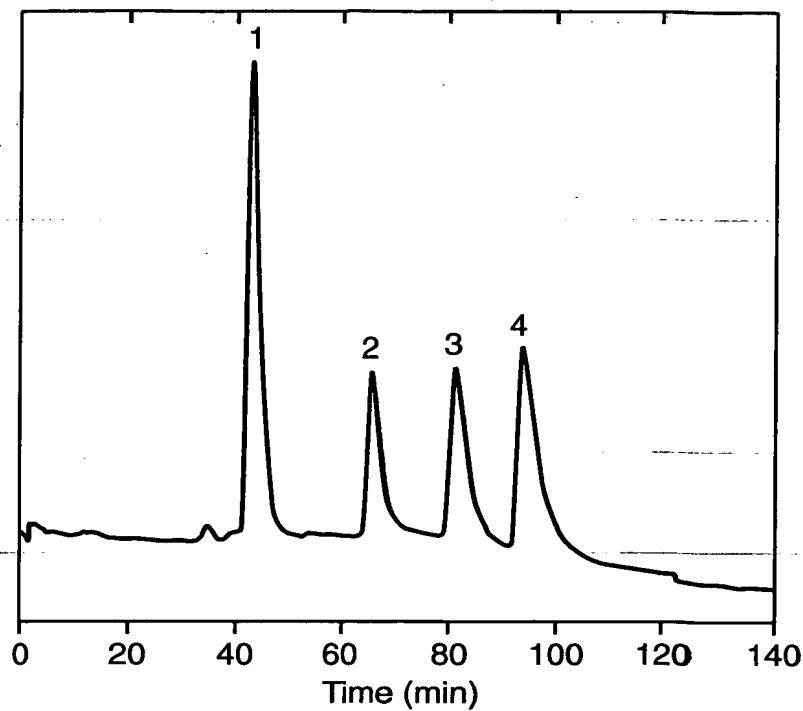


FIG._4A

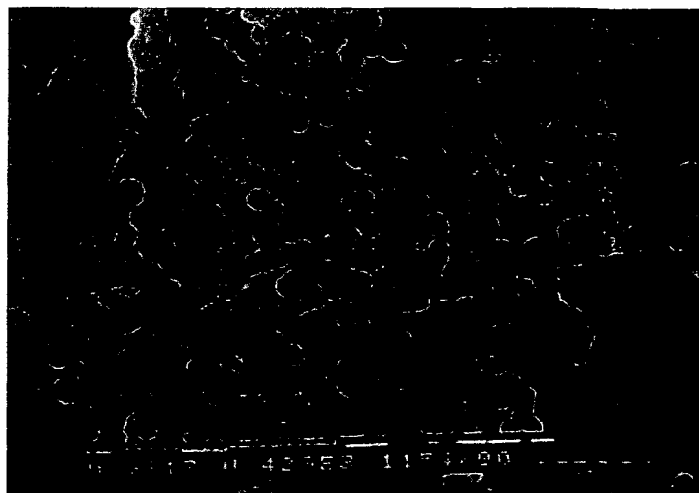
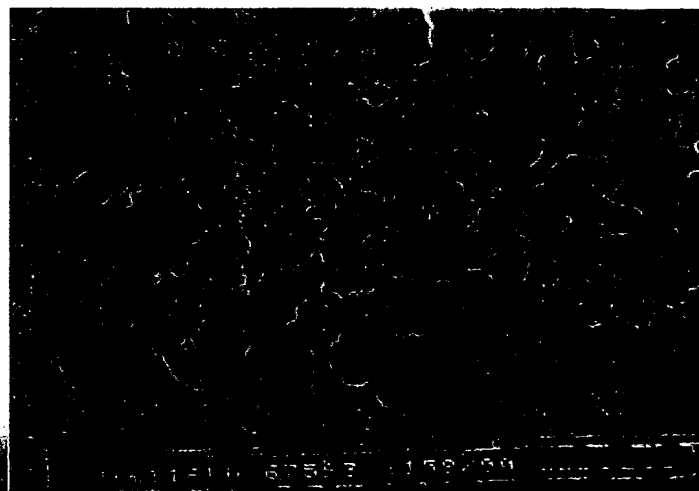
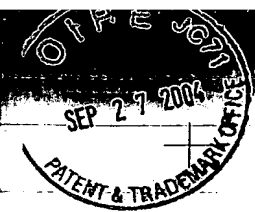


FIG._4B

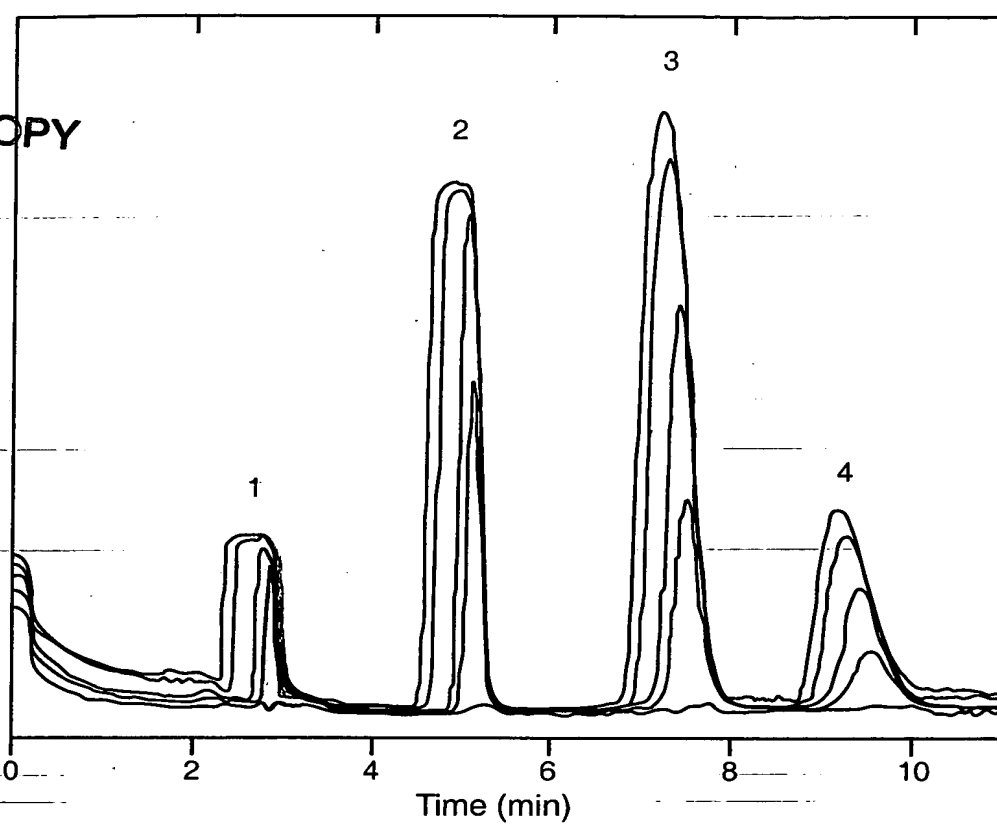




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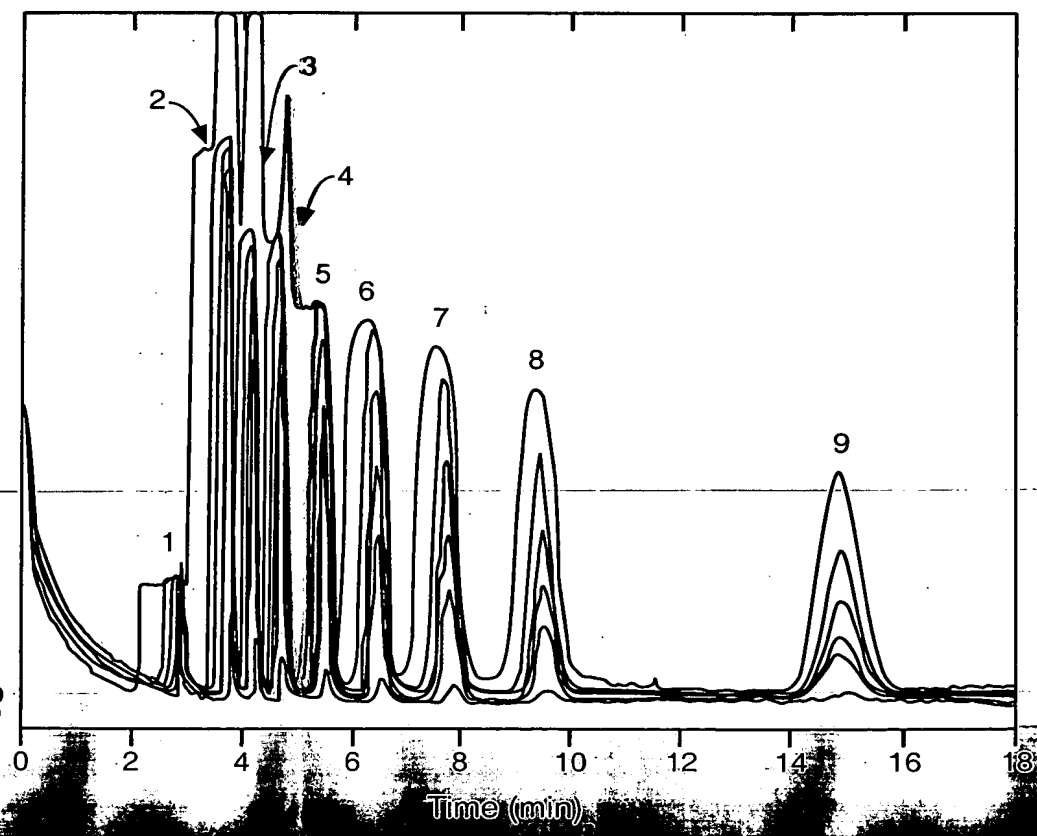
Absorbance
(Arbitrary Units)

FIG._5A



Absorbance
(Arbitrary Units)

FIG._5B





4 / 19

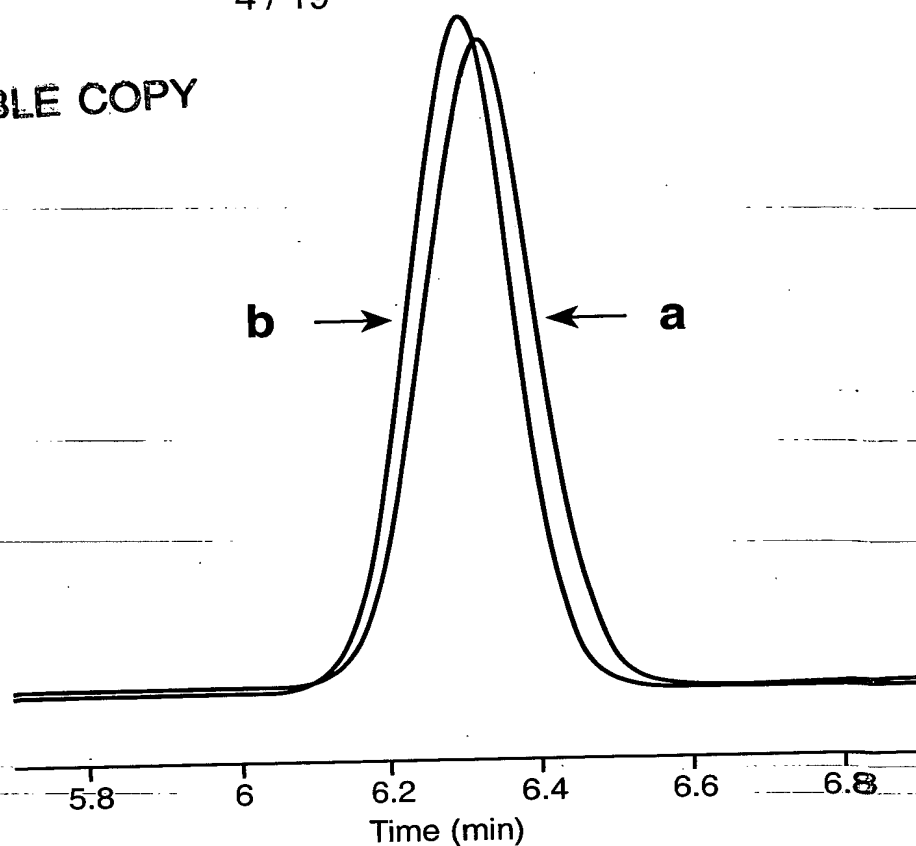
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Absorbance
(arbitrary units)

b →

← a

FIG. 6



Absorbance
(arbitrary units)

a

1 2 3

4

5

b

2

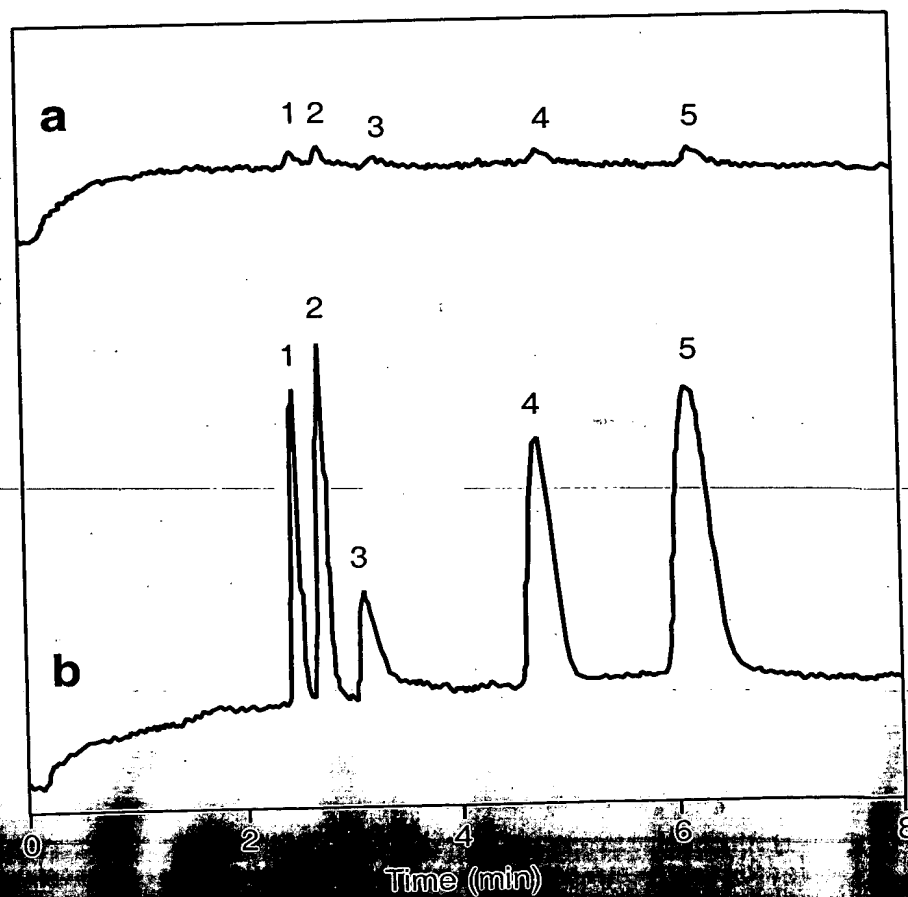
1

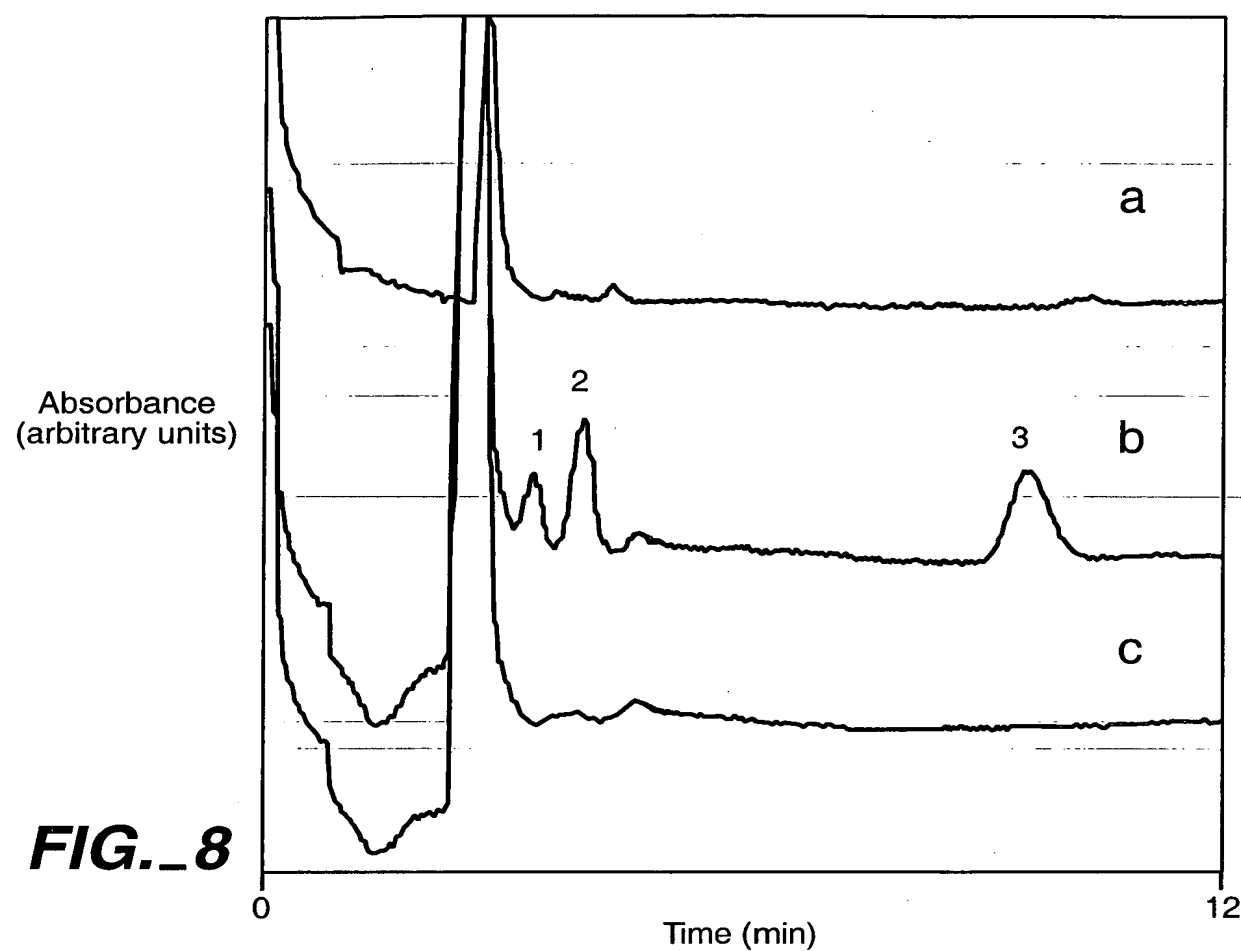
3

4

5

FIG. 7







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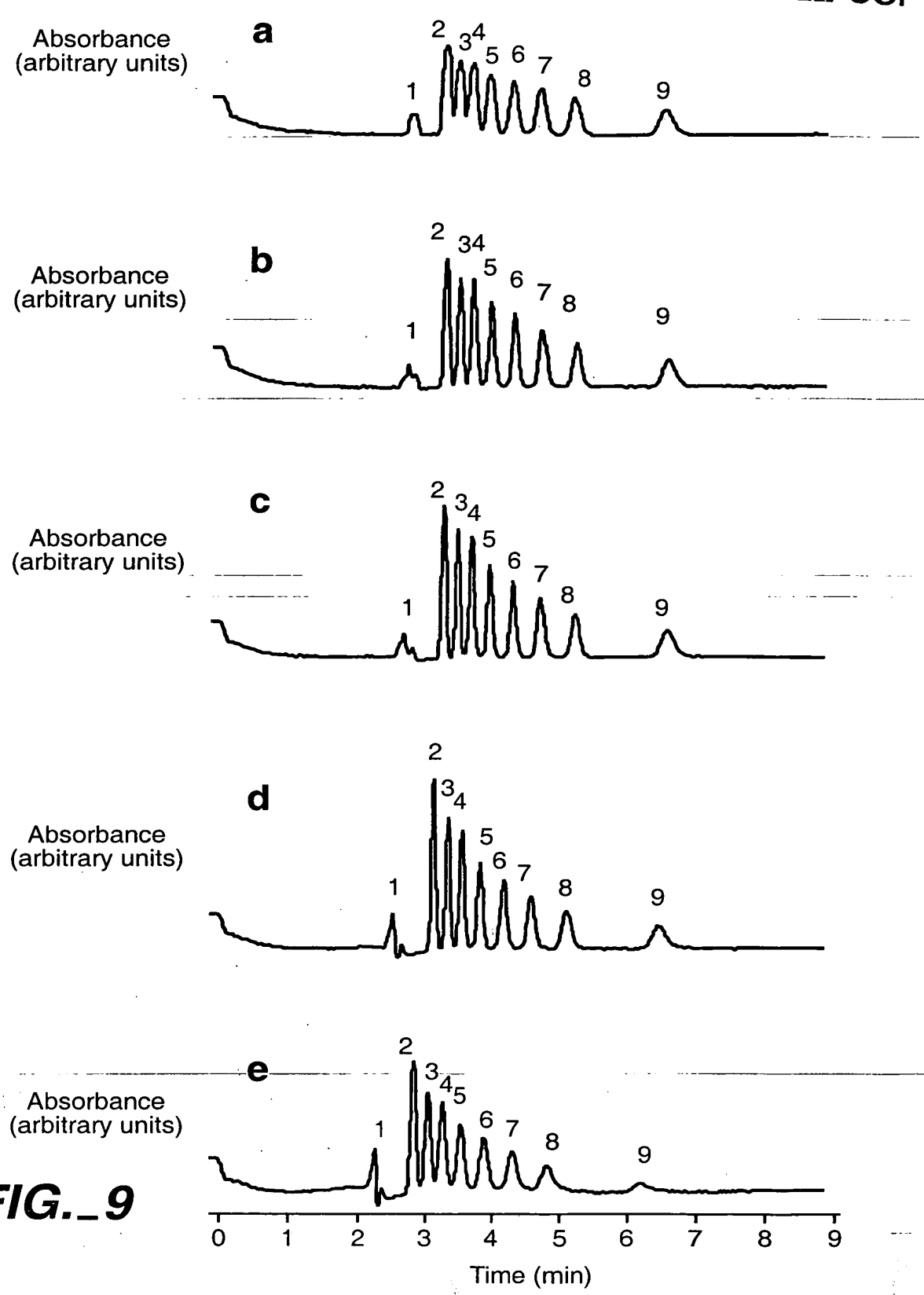


FIG. 9



7 / 19

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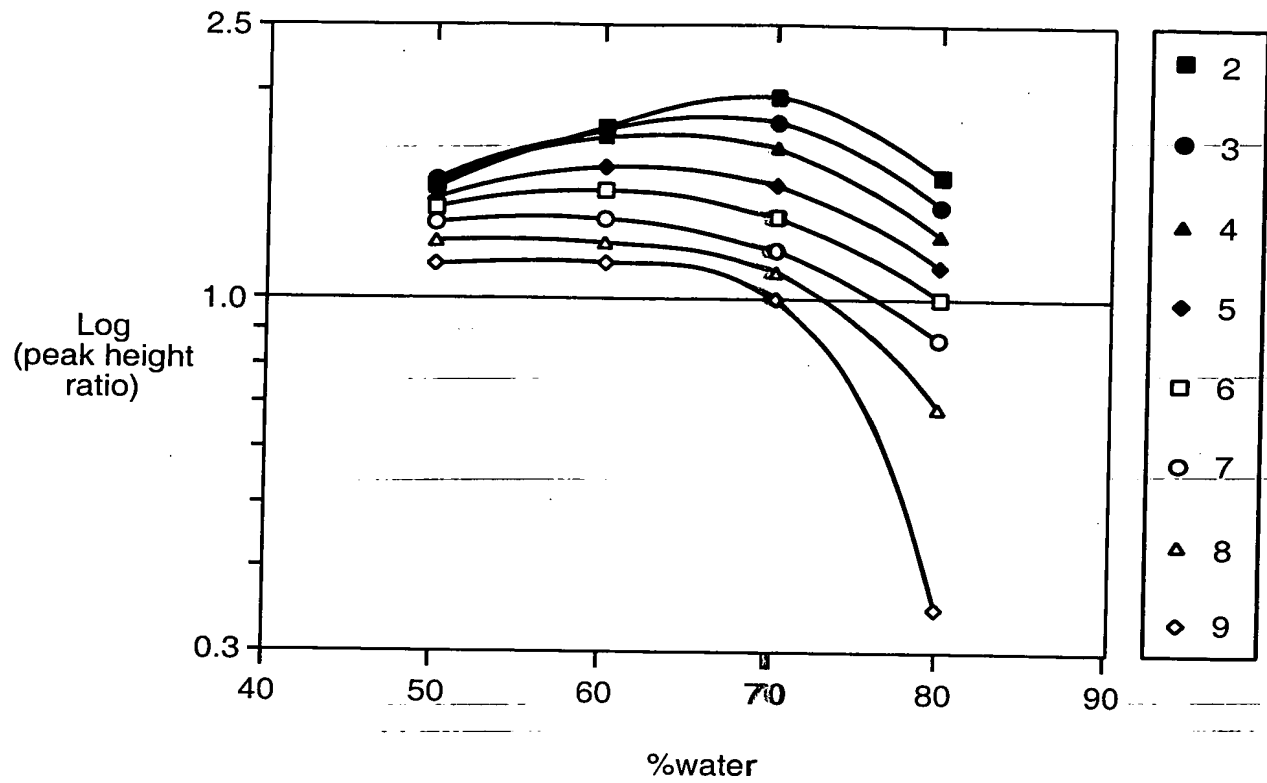
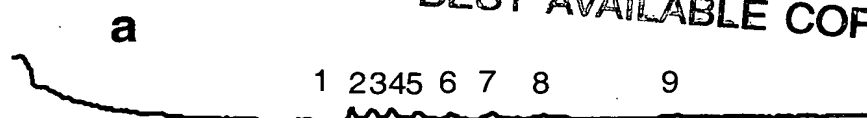


FIG. 10

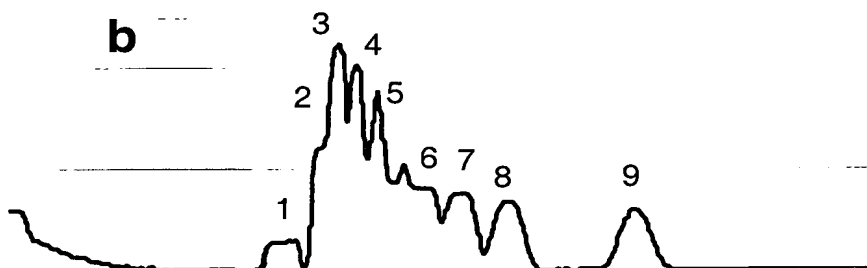
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Absorbance
(arbitrary units)



Absorbance
(arbitrary units)



Absorbance
(arbitrary units)

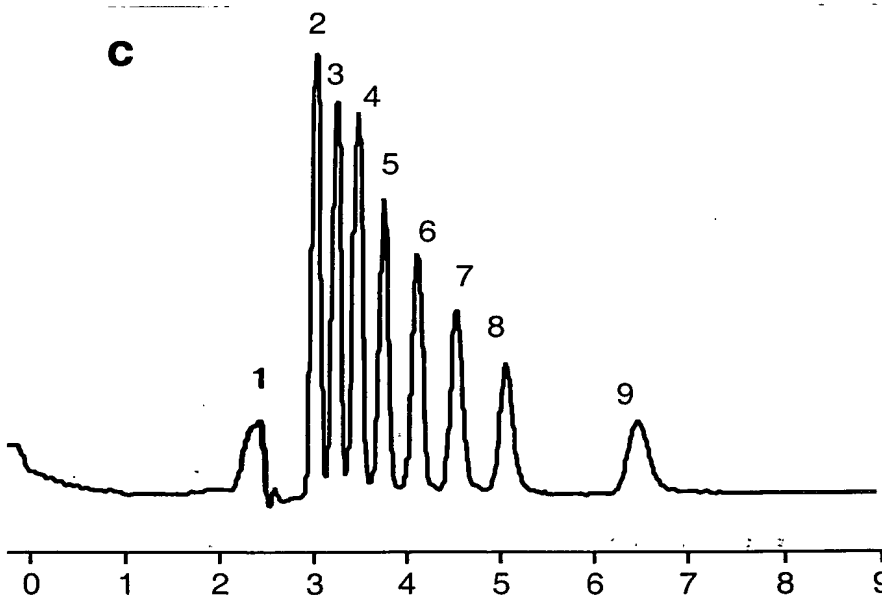


FIG. 11

Time (min)

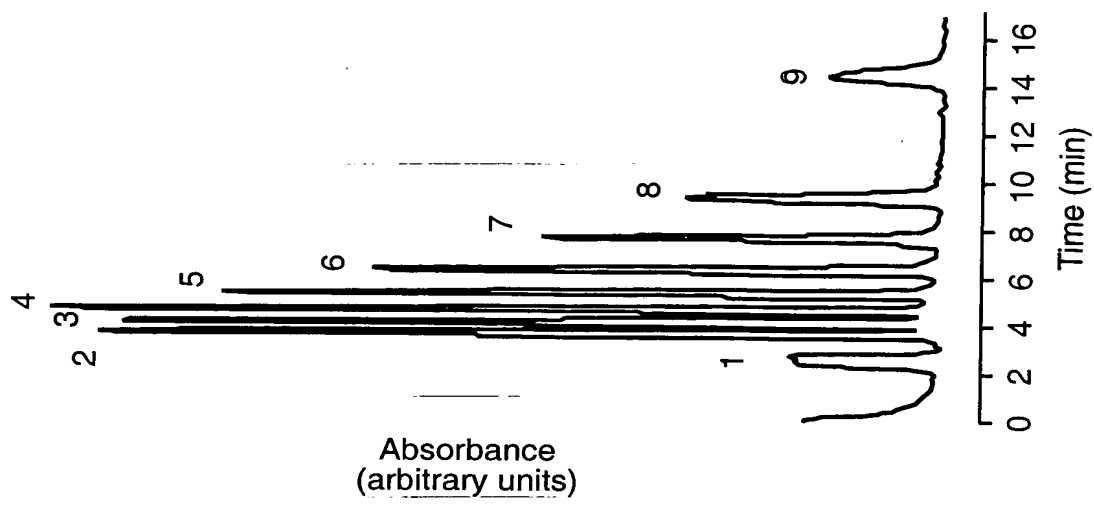
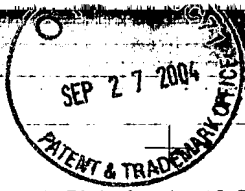


FIG. 12C

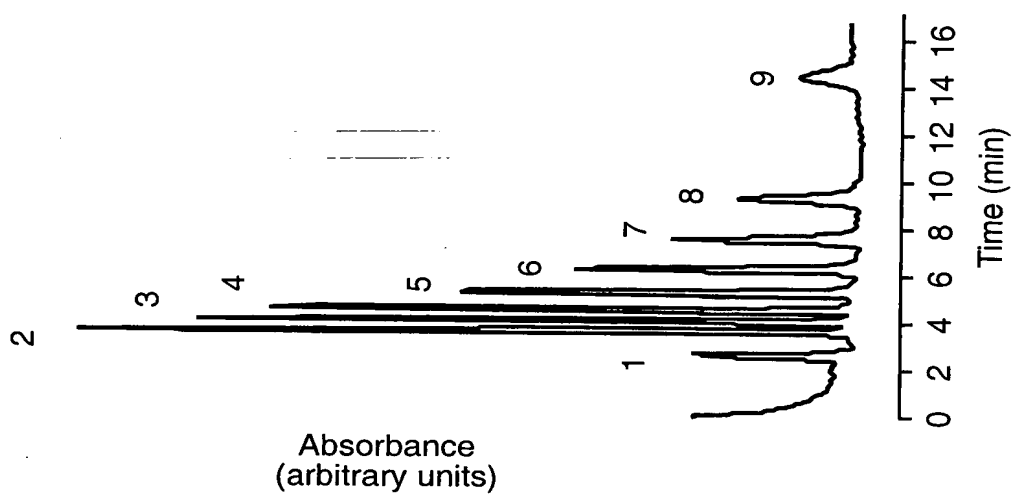


FIG. 12B

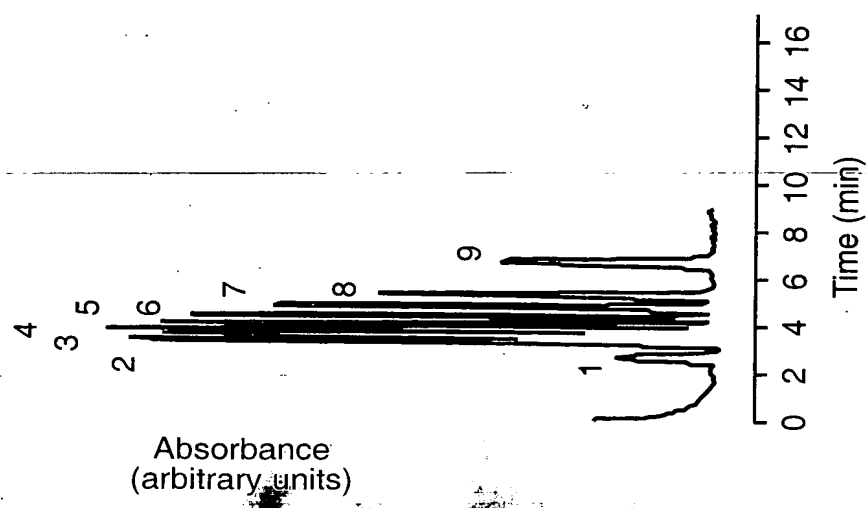
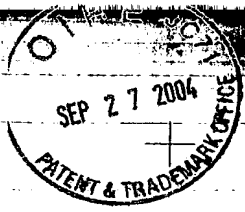


FIG. 12A



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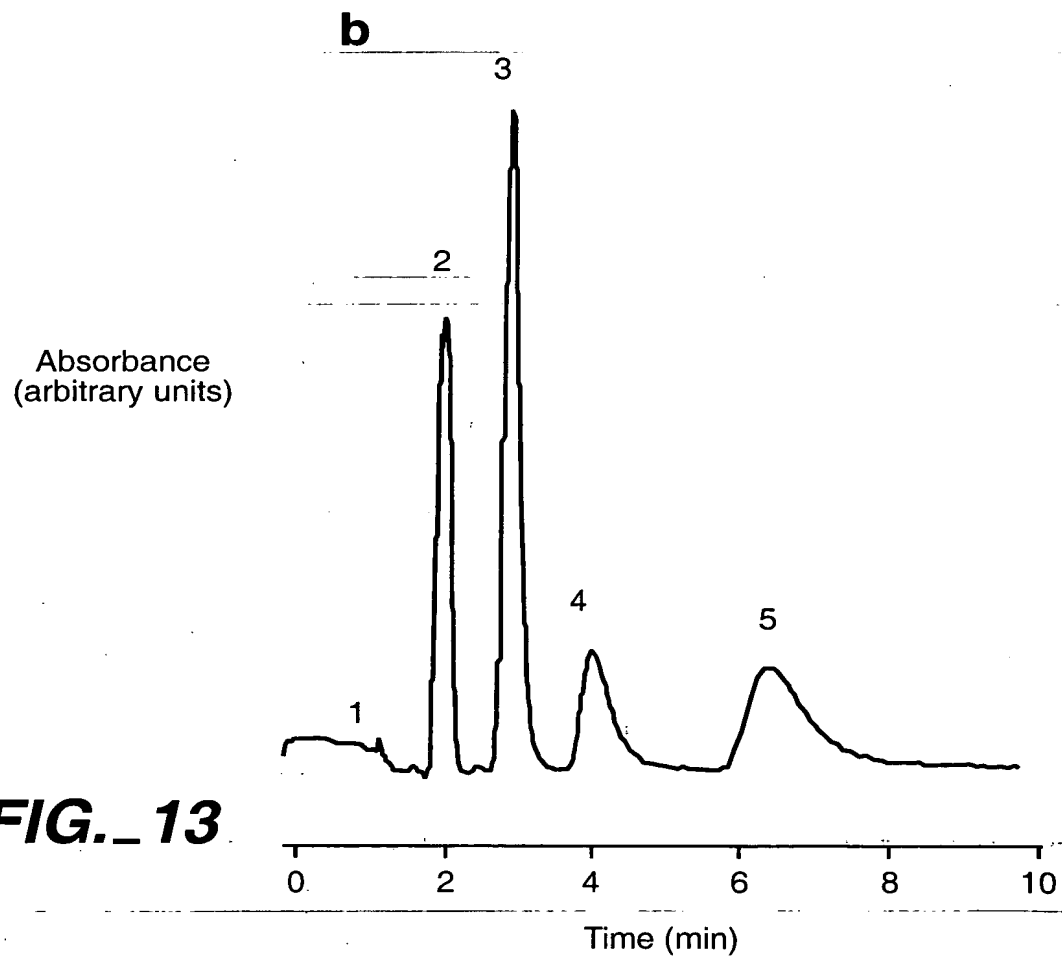
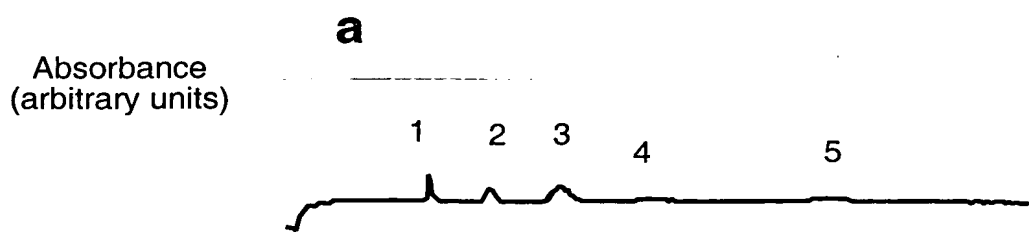
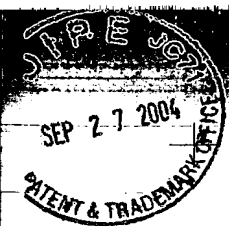


FIG. 13



11 / 19

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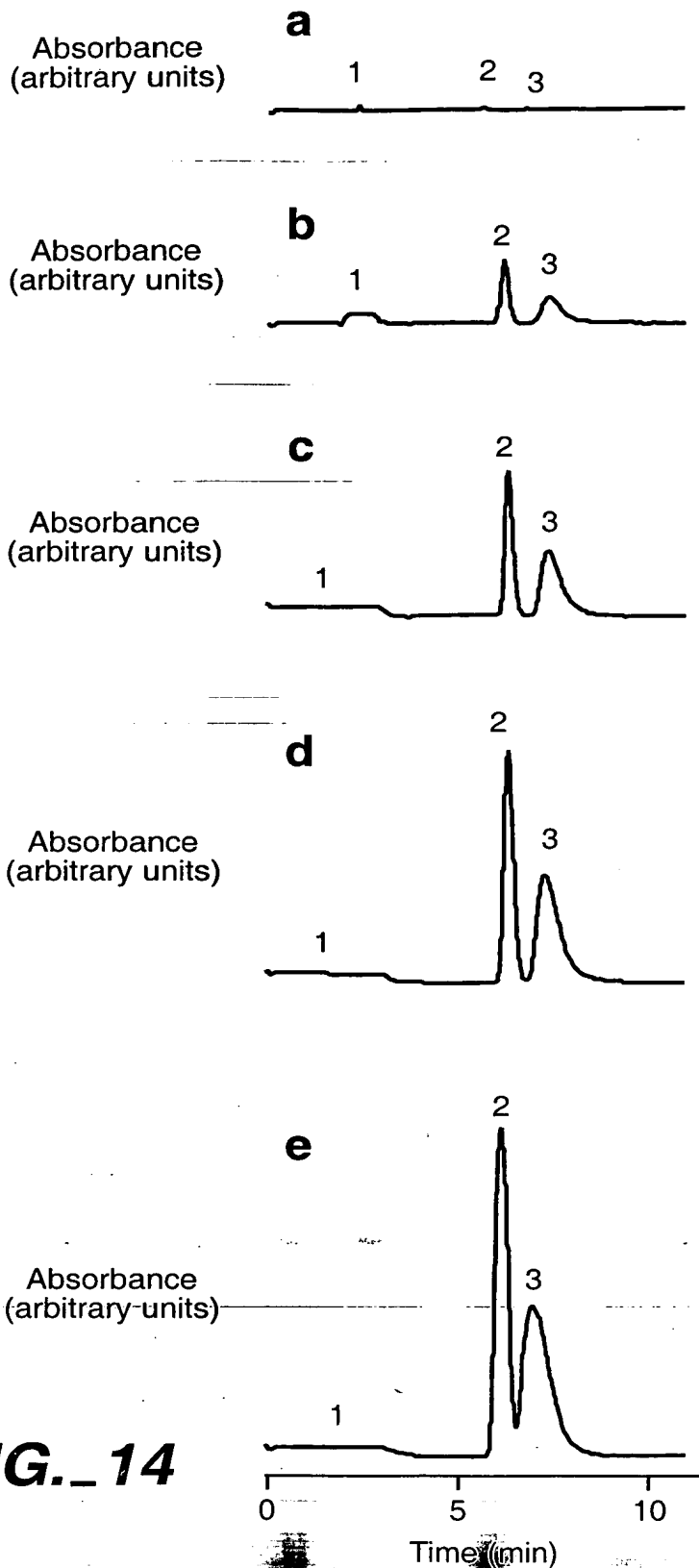
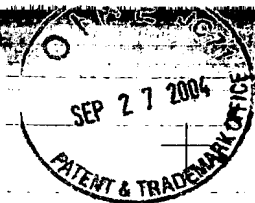


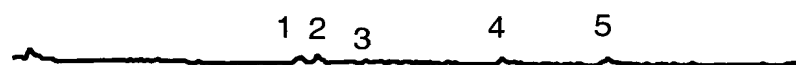
FIG. 14



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Absorbance
(arbitrary units)

a



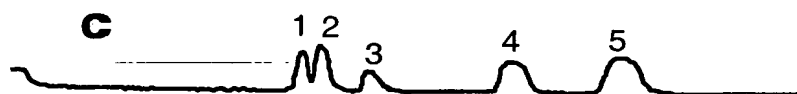
Absorbance
(arbitrary units)

b



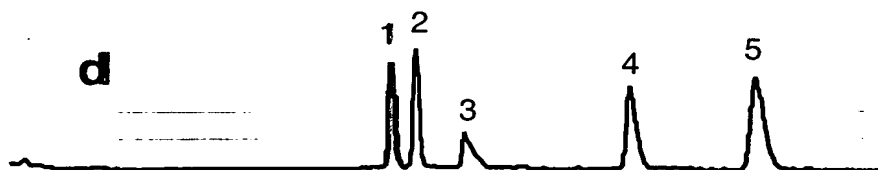
Absorbance
(arbitrary units)

c



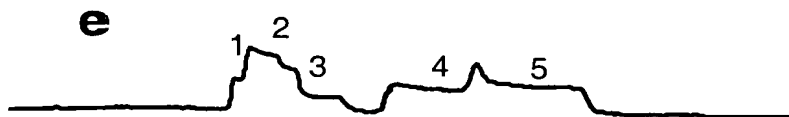
Absorbance
(arbitrary units)

d



Absorbance
(arbitrary units)

e



Absorbance
(arbitrary units)

f

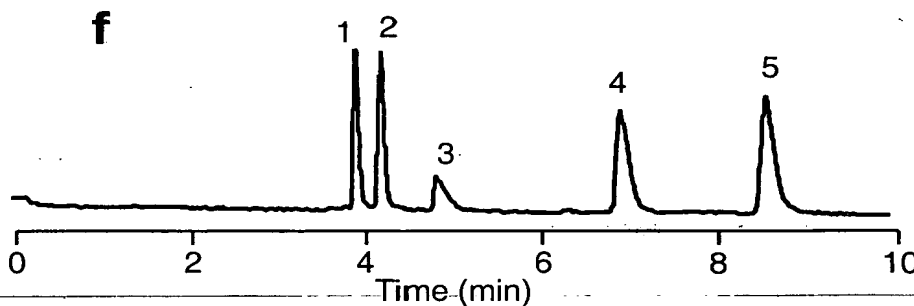
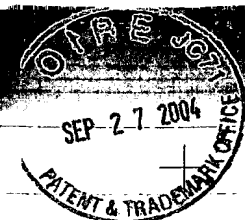
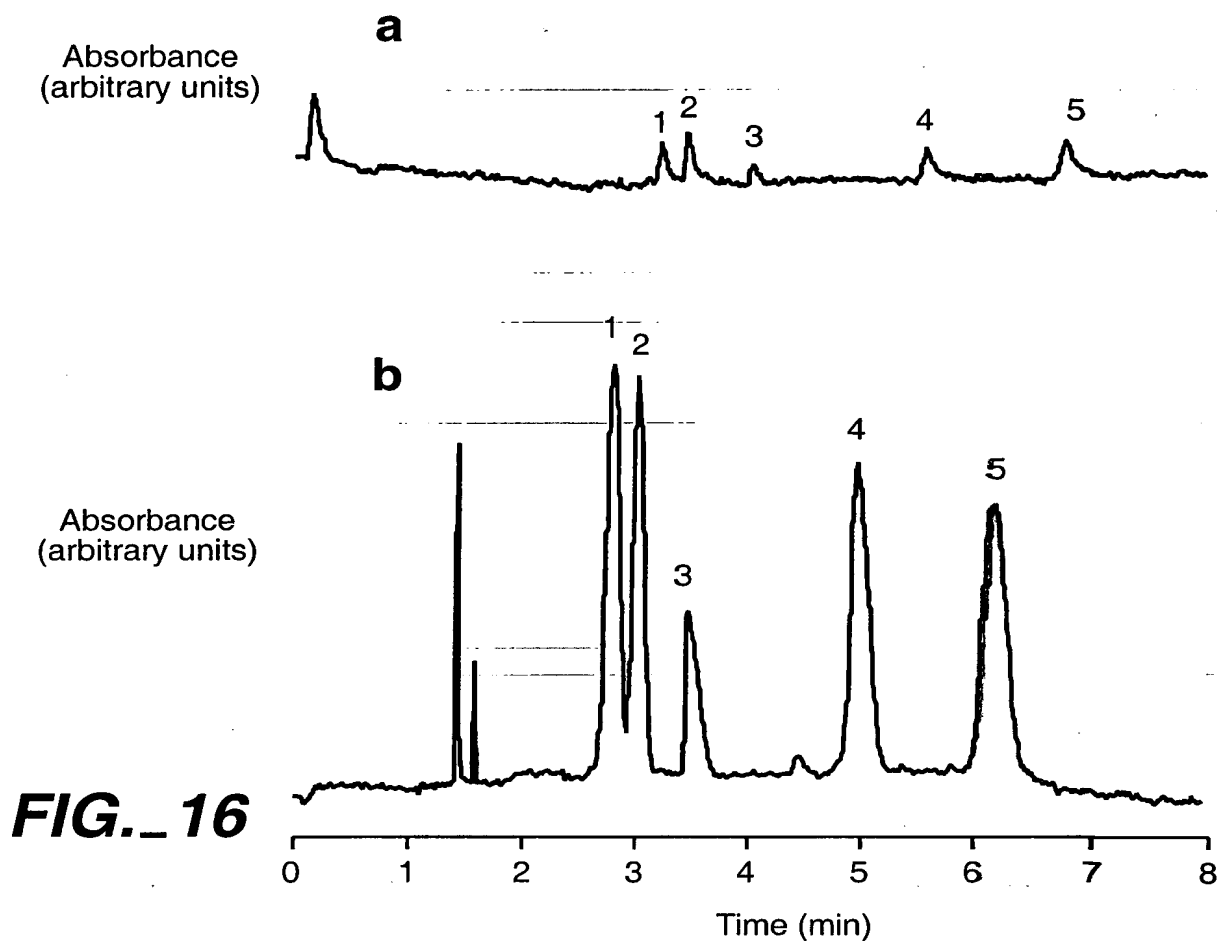


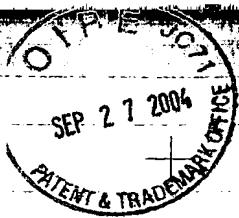
FIG. 15



13 / 19

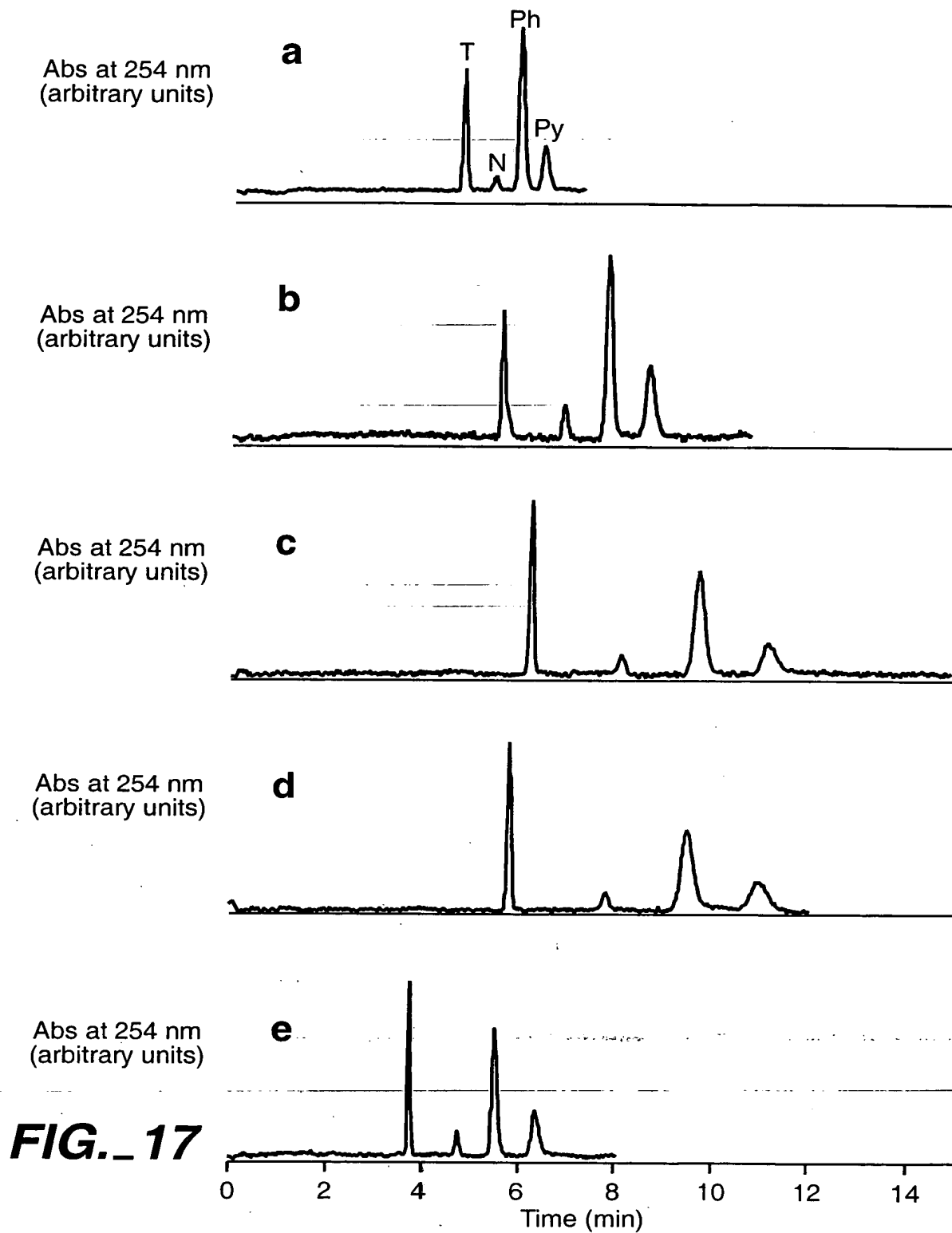
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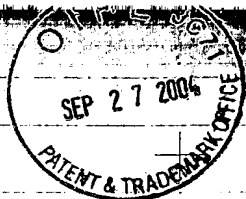




14/19

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15 / 19

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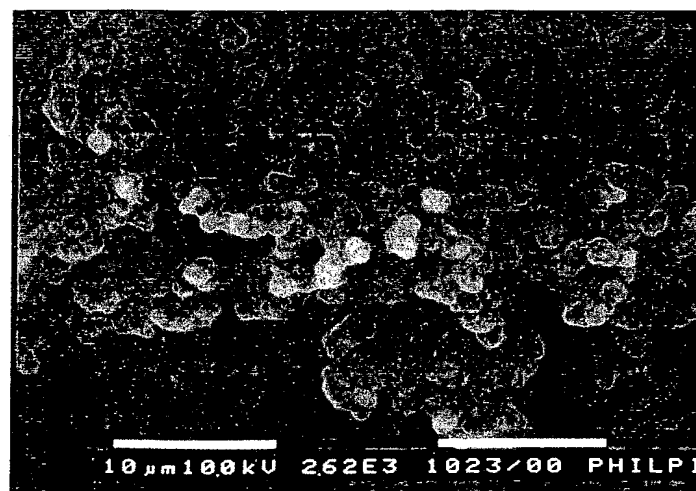


FIG. 18A

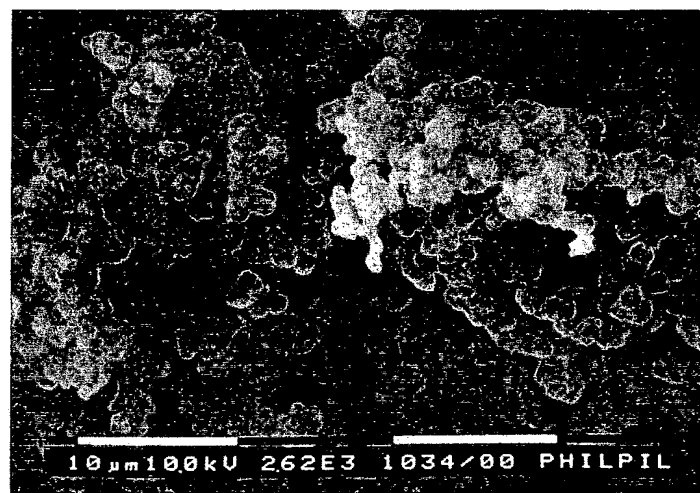
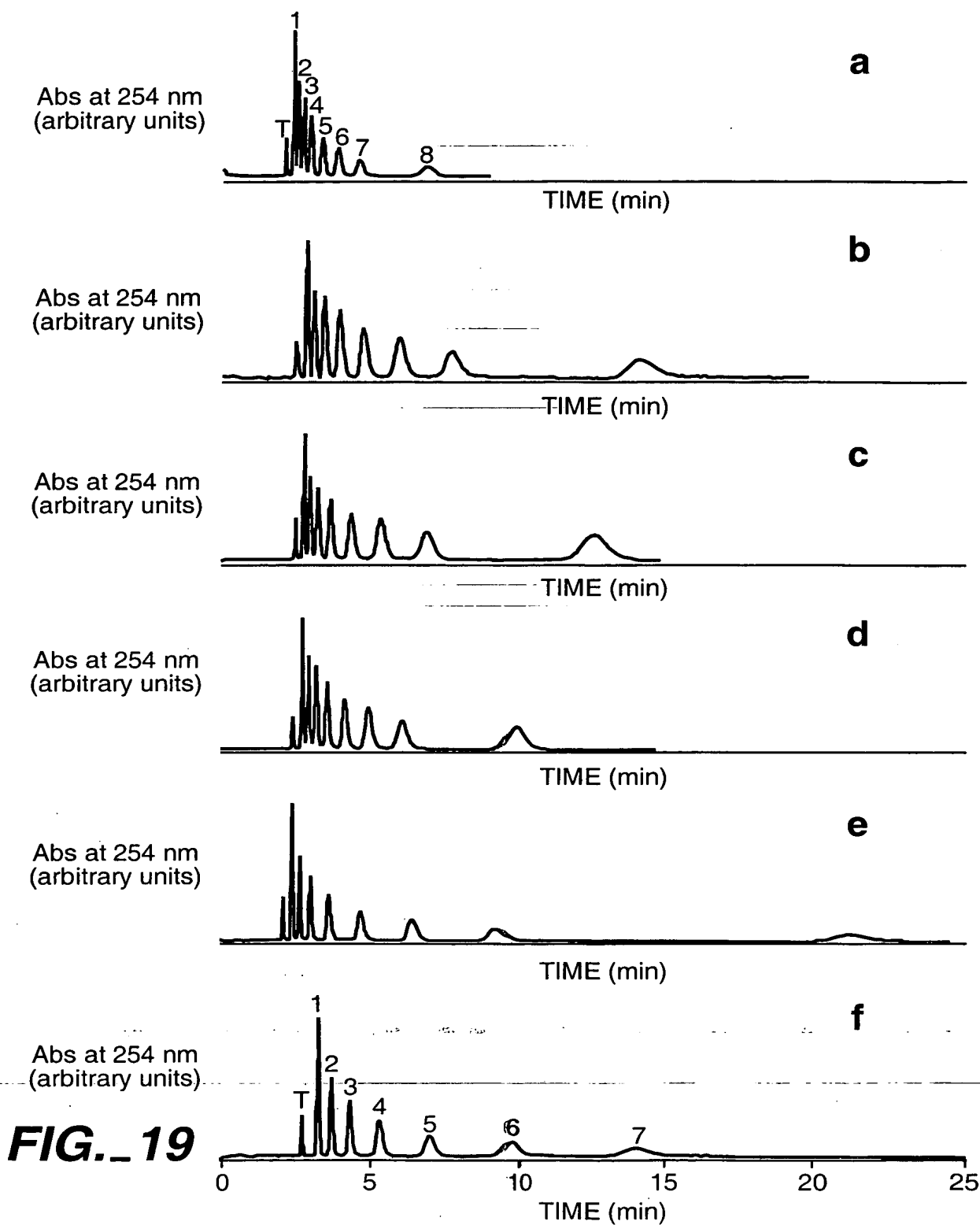
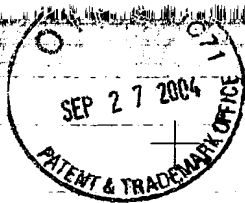
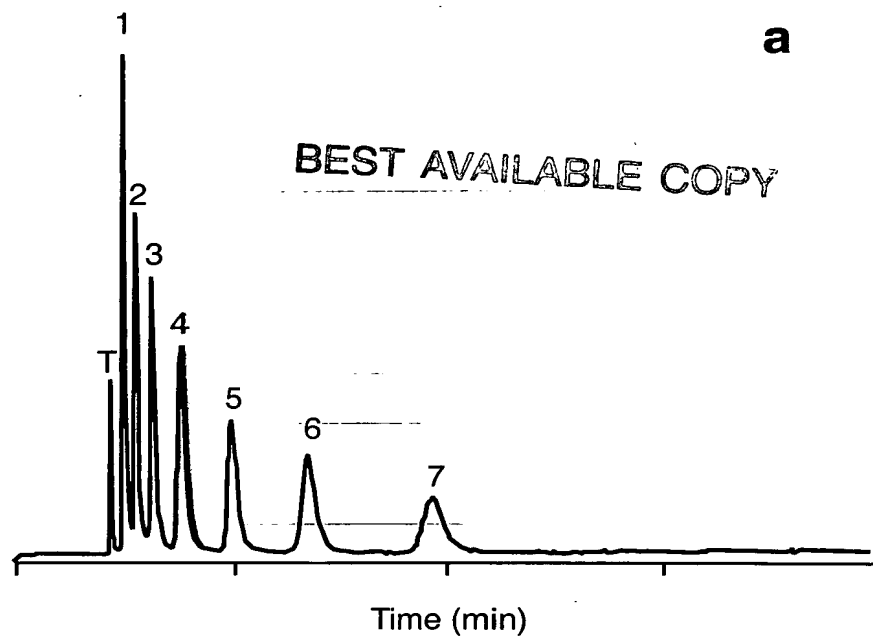


FIG. 18B

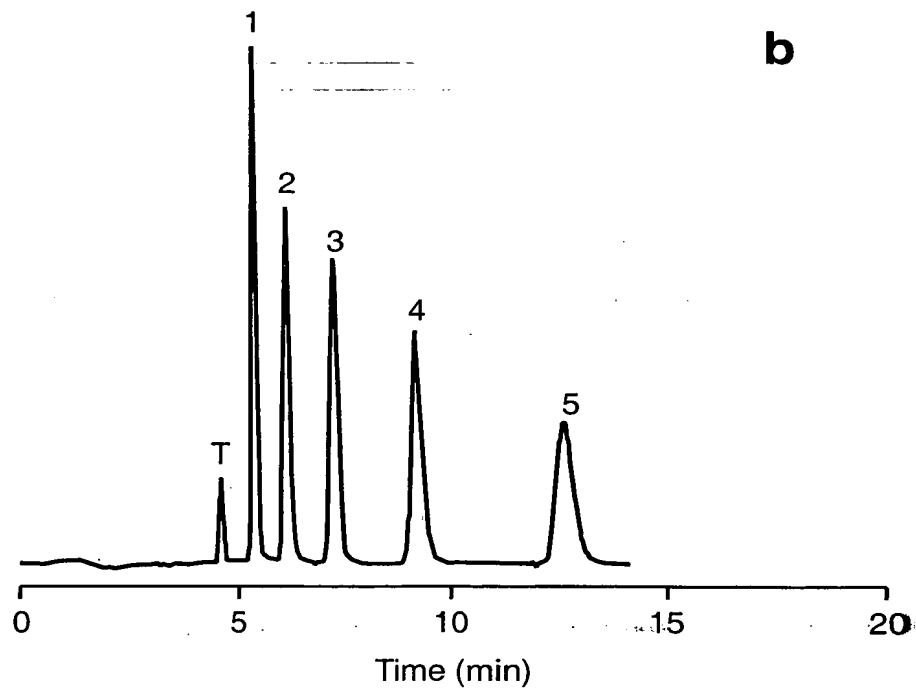


Abs at 254 nm
(arbitrary units)



Abs at 254 nm
(arbitrary units)

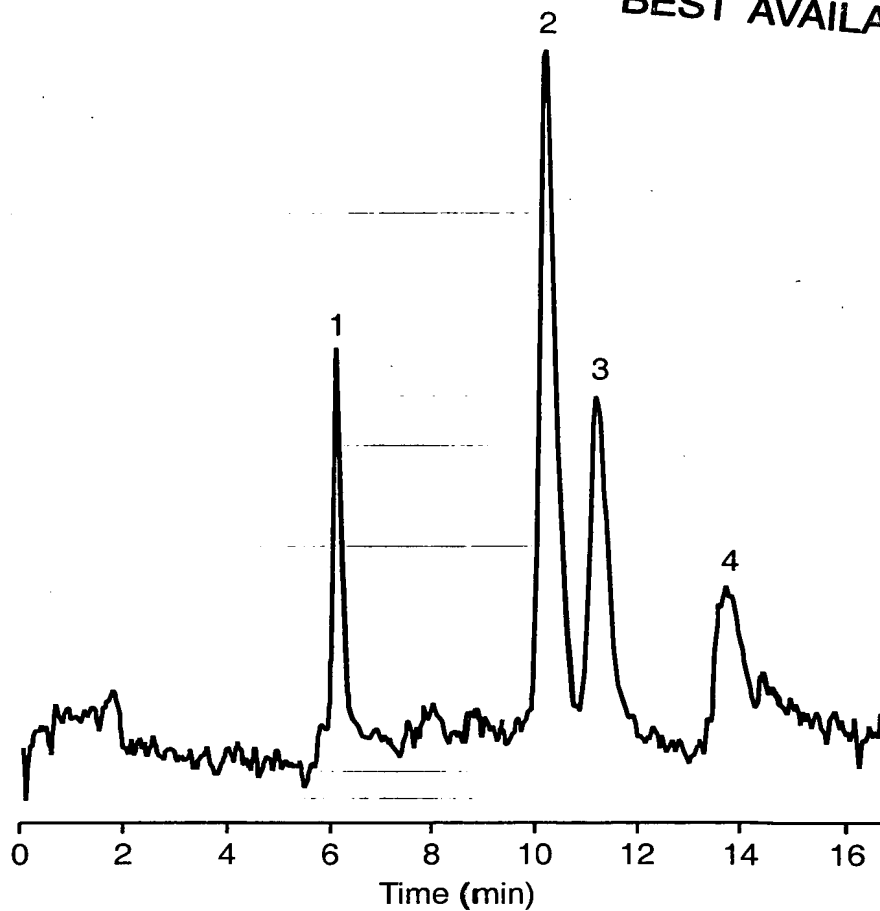
FIG. 20





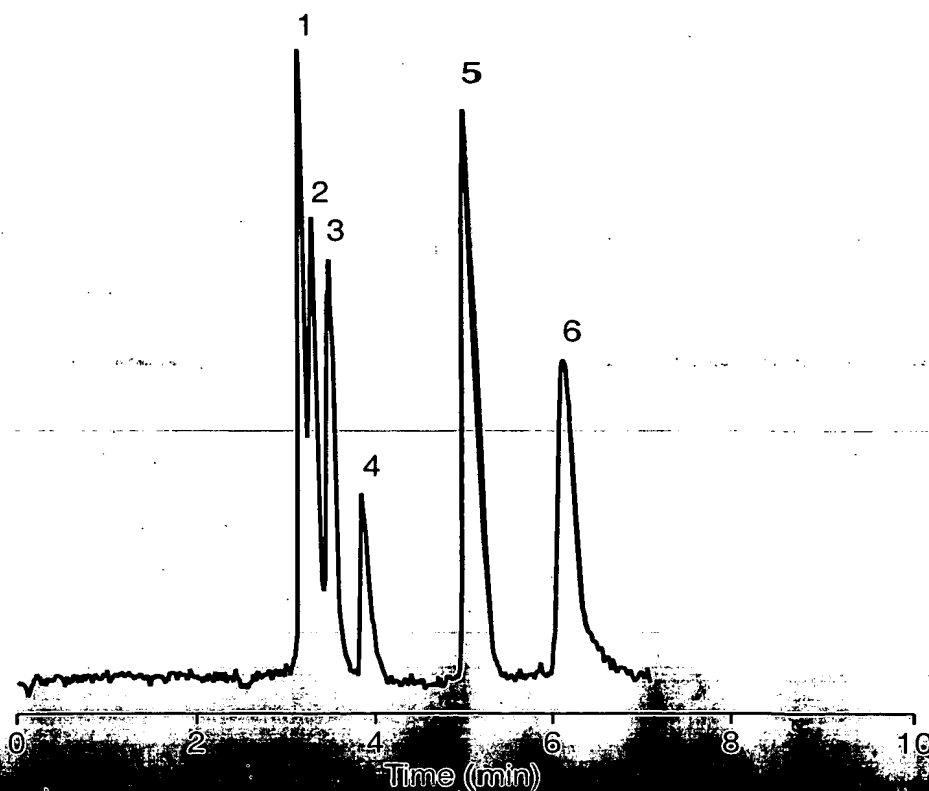
Abs at 254 nm
(arbitrary units)

FIG. 21



Abs at 214 nm
(arbitrary units)

FIG. 22



Abs at 214 nm
(arbitrary units)

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FIG. 23

